

L Number	Hits	Search Text	DB	Time stamp
1	13	((acceptable near tolerance) or (align\$5 with fraction with degree)) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:22
2	1660	(specimen adj stage) or (optical adj (bench or stage)) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:25
3	5	((specimen adj stage) or (optical adj (bench or stage)) and ion) and ((acceptable near tolerance) or (align\$5 with fraction with degree))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:22
4	346	((specimen adj stage) or (optical adj (bench or stage)) and ion) and puls\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:25
5	221	((specimen adj stage) or (optical adj (bench or stage)) and ion) and puls\$4) and align\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:25
6	3	((specimen adj stage) or (optical adj (bench or stage)) and ion) and puls\$4) and align\$5) and Einzel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:27
7	3288	(ToF or (time adj of adj flight) or TOF-MS or TOFMS) and (stage or table)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:28
8	396	((ToF or (time adj of adj flight) or TOF-MS or TOFMS) and (stage or table)) and detector and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:29
9	39	((ToF or (time adj of adj flight) or TOF-MS or TOFMS) and (stage or table)) and detector and lens) and pulser	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:34
10	360	(mak\$4 or manufactur\$4) with (optical near (bench or stage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:42
11	3	("4796974"   "4856887"   "4927257").PN.	USPAT	2003/12/30 13:12
12	6	5058993.URPN.	USPAT	2003/12/30 13:12
13	3	("2959832"   "2953970"   "2803986").PN.	USPAT	2003/12/30 13:21
14	4	3758217.URPN.	USPAT	2003/12/30 13:23
15	0	2065178.URPN.	USPAT	2003/12/30 13:30
16	0	200141539.URPN.	USPAT	2003/12/30 13:32
17	1	2002-239394.NRAN.	DERWENT	2003/12/30 13:32
18	1	2133901.URPN.	USPAT	2003/12/30 13:39
19	1	1984-190976.NRAN.	DERWENT	2003/12/30 13:39

20	0	(align\$5 with (fraction near2 degree)) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:50
21	0	(align\$5 with (acceptable adj tolerance)) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:44
22	0	(align\$5 with (fraction near2 degree)) and TOF	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:43
23	0	(align\$5 with (fraction near2 degree)) and (ion adj optic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:43
24	1	(align\$5 with (acceptable adj tolerance)) and (ion adj optic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:45
25	13	(acceptable adj tolerance) and (TOF or (mass adj spectrometer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:45
26	0	((acceptable adj tolerance) and (TOF or (mass adj spectrometer))) and (ion adj optic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:46
28	1	(( (acceptable adj tolerance) and (TOF or (mass adj spectrometer))) and align\$4) and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:46
27	10	((acceptable adj tolerance) and (TOF or (mass adj spectrometer))) and align\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:46
29	35	((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:57
30	14	((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:51
31	12	(((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:51
33	0	((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:52
32	11	(((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:52

34	0	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:04
35	157	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:58
36	1	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) ) and (ion near optic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:00
37	0	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) ) and (TOF or (time adj of adj flight))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:59
38	1	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) ) and (ion near1 optic\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:00
39	16	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) ) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:00
41	5	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) ) and ion) and lens) and (table or platform or bench or stage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:01
40	6	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) ) and ion) and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:03
42	0	((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree))) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:05
43	4	((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:07
44	4	((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree))) ((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree))) ) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:09
45	0	((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree))) ) and ((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree))) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:09

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1	13	((acceptable near tolerance) or (align\$5 with fraction with degree)) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:22
2	1660	(specimen adj stage) or (optical adj (bench or stage)) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:25
3	5	((specimen adj stage) or (optical adj (bench or stage)) and ion) and ((acceptable near tolerance) or (align\$5 with fraction with degree))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:22
4	346	((specimen adj stage) or (optical adj (bench or stage)) and ion) and puls\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:25
5	221	((specimen adj stage) or (optical adj (bench or stage)) and ion) and puls\$4) and align\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:25
6	3	((specimen adj stage) or (optical adj (bench or stage)) and ion) and puls\$4) and align\$5) and Einzel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:27
7	3288	(ToF or (time adj of adj flight) or TOF-MS or TOFMS) and (stage or table)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:28
8	396	((ToF or (time adj of adj flight) or TOF-MS or TOFMS) and (stage or table)) and detector and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:29
9	39	((ToF or (time adj of adj flight) or TOF-MS or TOFMS) and (stage or table)) and detector and lens) and pulser	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 12:34
10	360	(mak\$4 or manufactur\$4) with (optical near (bench or stage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:42
11	3	("4796974"   "4856887"   "4927257").PN.	USPAT	2003/12/30 13:12
12	6	5058993.URPN.	USPAT	2003/12/30 13:12
13	3	("2959832"   "2953970"   "2803986").PN.	USPAT	2003/12/30 13:21
14	4	3758217.URPN.	USPAT	2003/12/30 13:23
15	0	2065178.URPN.	USPAT	2003/12/30 13:30
16	0	200141539.URPN.	USPAT	2003/12/30 13:32
17	1	2002-239394.NRAN.	DERWENT	2003/12/30 13:32
18	1	2133901.URPN.	USPAT	2003/12/30 13:39
19	1	1984-190976.NRAN.	DERWENT	2003/12/30 13:39

20	0	(align\$5 with (fraction near2 degree)) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:50
21	0	(align\$5 with (acceptable adj tolerance)) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:44
22	0	(align\$5 with (fraction near2 degree)) and TOF	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:43
23	0	(align\$5 with (fraction near2 degree)) and (ion adj optic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:43
24	1	(align\$5 with (acceptable adj tolerance)) and (ion adj optic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:45
25	13	(acceptable adj tolerance) and (TOF or mass adj spectrometer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:45
26	0	((acceptable adj tolerance) and (TOF or mass adj spectrometer))) and (ion adj optic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:46
28	1	(( (acceptable adj tolerance) and (TOF or mass adj spectrometer))) and align\$4) and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:46
27	10	((acceptable adj tolerance) and (TOF or mass adj spectrometer))) and align\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:46
29	35	((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:57
30	14	((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:51
31	12	(((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:51
33	0	((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:52
32	11	(((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:52

34	0	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:04
35	157	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:58
36	1	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) ) and (ion near optic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:00
37	0	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) ) and (TOF or (time adj of adj flight))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 13:59
38	1	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) ) and (ion near1 optic\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:00
41	5	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) ) and ion) and lens) and (table or platform or bench or stage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:01
40	6	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) ) and ion) and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:03
42	0	((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree))) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:05
43	4	((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:07
44	4	((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree))) ((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree))) ) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:09
45	0	((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree))) ) and ((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree))) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:10
46	0	((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree))) ) and ((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction near2 degree))) and (mass near spectromet\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:10
39	16	((align\$5 with ((acceptable adj tolerance) or (fraction near2 degree))) ) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 14:12

L Number	Hits	Search Text	DB	Time stamp
1	689	ion adj optics	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 17:50
3	15	((ion adj optics) and (optical adj (stage or table or bench)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 17:51
5	1	((((ion adj optics) and (optical adj (stage or table or bench))) and align\$5) and (tolerance or margin or (fraction near4 degree)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:25
4	15	((ion adj optics) and (optical adj (stage or table or bench))) and align\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:26
6	3	((ion adj optics) and (optical near (stage or table or bench))) and (tolerance or margin or (fraction near4 degree))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 17:57
7	43	(mass adj spectrometer) and (optical near (stage or table or bench))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:00
8	9	((mass adj spectrometer) and (optical near (stage or table or bench))) and (tolerance or margin or (fraction near4 degree))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:01
9	7	((((mass adj spectrometer) and (optical near (stage or table or bench))) and (tolerance or margin or (fraction near4 degree))) and align\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:01
10	14	("3725658"   "4177381"   "4297871"   "4558708"   "4692621"   "4852583"   "5081998"   "5095915"   "5247185"   "5281817"   "5282473"   "5296706"   "5464982"   "5583339").PN.	USPAT	2003/12/30 18:05
2	19	(ion adj optics) and (optical near (stage or table or bench))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:19
11	79	(method with (mak\$4 or manufactur\$4 or form\$4) with (optical near (stage or table or bench)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:11
12	36	((method with (mak\$4 or manufactur\$4 or form\$4) with (optical near (stage or table or bench)))) and align\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:12
13	6710	(optical near (stage or table or bench))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:19
14	20	((optical near (stage or table or bench))) and (ion near source)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:20

15	54387	spectrometer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:20
16	13	(( (optical near (stage or table or bench))) and (ion near source)) and spectromet\$3	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:20
17	1172	( (optical near (stage or table or bench))) and (tolerance or margin or (fraction near4 degree))	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:26
18	816	(( (optical near (stage or table or bench))) and (tolerance or margin or (fraction near4 degree))) and align\$5	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:26
19	23	(((( (optical near (stage or table or bench))) and (tolerance or margin or (fraction near4 degree))) and align\$5) and (align with (tolerance or margin or (fraction near4 degree)))	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:34
20	1837	(ion near1 source) and spectrometer and (stage or table or bench or platform)	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:35
21	70	((ion near1 source) and spectrometer and (stage or table or bench or platform) and (Einzel near lens)	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:35
22	32	((((ion near1 source) and spectrometer and (stage or table or bench or platform) and (Einzel near lens)) and align\$5	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:36